| L Number | Hits  |   | DB                        | Time stamp       |
|----------|-------|---|---------------------------|------------------|
| 176      | 15666 | semiconductor and (band adj gap) and  | USPAT;                    | 2004/08/03 12:13 |
|          |       | @ad<=20011012   | US-PGPUB;                 | Ì                |
|          |       |   | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
| 177      | 10538 | (semiconductor same (band adj gap)) and   | <pre>IBM_TDB USPAT;</pre> | 2004/08/03 10:51 |
| *        | 10330 | @ad<=20011012   | US-PGPUB;                 | 2004/00/03 10:51 |
|          |       |   | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
|          |       |   | IBM_TDB                   |                  |
| 178      | 8320  | (semiconductor with (band adj gap)) and   | USPAT;                    | 2004/08/03 10:51 |
|          |       | @ad<=20011012   | US-PGPUB;                 |                  |
|          |       |   | EPO; JPO; DERWENT;        |                  |
|          |       |   | IBM TDB                   | ~ ]              |
| 179      | 1002  | ((semiconductor with (band adj gap)) and  | USPAT;                    | 2004/08/03 11:53 |
|          |       | @ad<=20011012) and ((metal adj oxide adj  | US-PGPUB;                 |                  |
|          |       | semiconductor) or ("MOS"))  | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
|          |       |   | IBM_TDB                   |                  |
| 180      | 872   |   | USPAT;                    | 2004/08/03 11:53 |
|          |       | @ad<=20011012) and ((metal adj oxide adj semiconductor) or ("MOS")) and source    | US-PGPUB;<br>EPO; JPO;    |                  |
|          |       | being conductor, or ( nob // and boares   | DERWENT;                  |                  |
|          |       |   | IBM TDB                   | 1                |
| 181      | 680   | ' '   '   '   '   '   '   '   '   '   | USPAT;                    | 2004/08/03 11:54 |
|          |       | @ad<=20011012) and ((metal adj oxide adj  | US-PGPUB;                 |                  |
|          |       | semiconductor) or ("MOS")) and source and   | EPO; JPO;                 |                  |
|          |       | within  | DERWENT;                  |                  |
| 182      | 265   | ((semiconductor with (band adj gap)) and  | <pre>IBM_TDB USPAT;</pre> | 2004/08/03 11:54 |
| 102      | 203   | @ad<=20011012) and ((metal adj oxide adj  | US-PGPUB;                 | 2004/00/03 11.34 |
|          |       | semiconductor) or ("MOS")) and (source same                                       | EPO; JPO;                 |                  |
|          |       | within)   | DERWENT;                  | .                |
|          |       |   | IBM_TDB                   |                  |
| 183      | 151   | ((semiconductor with (band adj gap)) and @ad<=20011012) and ((metal adj oxide adj | USPAT;                    | 2004/08/03 12:14 |
|          |       | semiconductor) or ("MOS")) and (source with                                       | US-PGPUB;<br>EPO; JPO;    | 1                |
|          |       | within)   | DERWENT;                  | ]                |
| 1        |       |   | IBM TDB                   | }                |
| 184      | 843   | (438/197).CCLS.   | USPAT;                    | 2004/08/03 12:12 |
|          |       |   | US-PGPUB;                 |                  |
|          |       |   | EPO; JPO;                 | ]                |
|          |       |   | DERWENT;<br>IBM_TDB       |                  |
| 185      | 1706  | (438/270).CCLS.   | USPAT;                    | 2004/08/03 12:12 |
|          |       |   | US-PGPUB;                 |                  |
|          |       |   | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
| 186      | 359   | (438/271).CCLS.   | <pre>IBM_TDB USPAT;</pre> | 2004/08/03 12:13 |
| -00      | 333   | 1350/2/1/.0005.   | US-PGPUB;                 | 2004/00/03 12:13 |
|          |       |   | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
|          |       | (255 (222) 255 2  | IBM_TDB                   |                  |
| 187      | 1106  | (257/288).CCLS.   | USPAT;                    | 2004/08/03 12:13 |
|          |       |   | US-PGPUB;<br>EPO; JPO;    |                  |
|          |       |   | DERWENT;                  |                  |
|          |       |   | IBM_TDB                   |                  |
| 188      | 694   | (257/335).CCLS.   | USPAT;                    | 2004/08/03 12:13 |
|          |       |   | US-PGPUB;                 |                  |
|          |       |   | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
| 189      | 40    | 438/197,270,271.ccls. and (band adj gap) and                                      | IBM_TDB<br>USPAT;         | 2004/08/03 12:14 |
|          | 10    | @ad<=20011012   | US-PGPUB;                 | 2503,00,03 12.14 |
|          |       |   | EPO; JPO;                 |                  |
|          |       |   | DERWENT;                  |                  |
|          |       |   | IBM_TDB                   |                  |

| 100 |      | 1257/200 225 226 227 220 220 240 241 242 242 5 | Tronam.    | 2004/00/02 12 14 |
|-----|------|--|------------|------------------|
| 190 | 58   |  | US-PGPUB;  | 2004/08/03 12:14 |
|     |      | and (band adj gap) and @ad<=20011012           |            |                  |
|     |      |  | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      | 05=/4 3 13 13 13 13                            | IBM_TDB    |                  |
| 191 | 6498 | 257/\$.ccls. and (band adj gap) and            | USPAT;     | 2004/08/03 12:15 |
|     |      | @ad<=20011012                                  | US-PGPUB;  |                  |
| }   |      |  | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      |  | IBM_TDB    |                  |
| 192 | 2479 | 438/\$.ccls. and (band adj gap) and            | USPAT;     | 2004/08/03 12:15 |
|     |      | @ad<=20011012                                  | US-PGPUB;  |                  |
|     |      |  | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      |  | IBM TDB    |                  |
| 193 | 1066 | 257/\$.ccls. and (band adj gap) and ((metal    | USPAT;     | 2004/08/03 12:15 |
|     |      | adj oxide adj semiconductor) or ("MOS")) and   | US-PGPUB;  |                  |
|     |      | source and within and @ad<=20011012            | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      |  | IBM TDB    |                  |
| 194 | 425  | 438/\$.ccls. and (band adj gap) and ((metal    | USPAT;     | 2004/08/03 12:16 |
| 174 | 425  | adj oxide adj semiconductor) or ("MOS")) and   | US-PGPUB;  | 2004/00/03 12.10 |
| 1   |      | source and within and @ad<=20011012            | EPO; JPO;  |                  |
|     |      | Source and within and wadt=20011012            | DERWENT;   |                  |
|     |      |  |            |                  |
| 196 | 100  | 420/6 aala aad (baad add aan) aad (/makal      | IBM_TDB    | 2004/00/02 12 16 |
| 196 | 198  | 438/\$.ccls. and (band adj gap) and ((metal    | USPAT;     | 2004/08/03 12:16 |
|     |      | adj oxide adj semiconductor) or ("MOS")) and   | US-PGPUB;  |                  |
|     |      | (source same within) and @ad<=20011012         | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      | 057/4  | IBM_TDB    | 0001/00/55 55 55 |
| 197 | 487  | - , ,  | USPAT;     | 2004/08/03 12:16 |
|     |      | adj oxide adj semiconductor) or ("MOS")) and   | US-PGPUB;  |                  |
|     |      | (source same within) and @ad<=20011012         | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      |  | IBM_TDB    |                  |
| 195 | 128  | , , , , , , , , , , , ,                        | USPAT;     | 2004/08/03 12:17 |
|     |      | adj oxide adj semiconductor) or ("MOS")) and   | US-PGPUB;  |                  |
|     |      | (source with within) and @ad<=20011012         | EPO; JPO;  |                  |
|     |      |  | DERWENT;   |                  |
|     |      |  | IBM TDB    |                  |
| 198 | 300  | 257/\$.ccls. and (band adj gap) and ((metal    | USPAT;     | 2004/08/03 12:26 |
|     |      | adj oxide adj semiconductor) or ("MOS")) and   | US-PGPUB;  |                  |
|     |      | (source with within) and @ad<=20011012         | EPO; JPO;  |                  |
|     |      | ,  | DERWENT;   |                  |
|     |      |  | IBM TDB    | ·                |
| L   |      | l  | 1 20:1 100 |                  |